C3.158: ITA-991(82)-3,4

CURRENT INDUSTRIAL REPORTS

Titanium Ingot, Mill Products, and Castings

U.S. Department of Commerce
BUREAU OF THE CENSUS
BUREAU OF INDUSTRIAL ECONOMICS

OCT 13 1982
U.S. DEPOSITORY

MARCH AND APRIL 1982

ITA-991(82)-3,4
Issued July 1982

The total production of titanium ingot for April was 6.8 million pounds. This represented a 27 percent decrease from the March total of 6.9 million pounds. Net shipments of titanium mill products for April was 3.4 million pounds, a 22 percent decrease from the March total of 4.5 million pounds. Total shipments of titanium castings for April was 54 thousand pounds, a decrease of 8 percent from the March total of 59 thousand pounds.

A complete description of the survey methodology and related information appears in the January report for this series, ITA-991(82)-1, issued June 1982.

Table 1. TITANIUM INGOT, MILL PRODUCTS, AND CASTINGS: 1981 AND 1982.

(Thousands of pounds)

Month and year	Ingot					Mill products			Castings	
	Production	Consumption	Shipments	Receipts	Ending inventories	Production	Receipts	Net shipments[1] [2]	Production	Shipments
1982										
April	5,001	5,204	769	796	6,405	3,228	353	3,436	70	54
March	6,858	7,320	867	1,071	6,552	4,361	704	4,454	90	59
February	6,505	6,202	973	1,252	6,686	4,185	420	3,367	83	55
January	6,452	6,222	1,363	955	6,523	4,475	825	3,655	77	43
1981										
Total	(NA)	(NA)	(NA)	(NA)	(NA)	58,940	9,084	50,983	675	417

(NA) Not available.

[1]Net shipments, total, is the sum of mill products shipments plus mill products consumed in the manufacture of fabricated products, less total receipts. Net shipments for each mill product category also includes the consumption of mill products in that category in the manufacture of other mill products. Detail does not add to the total because of this difference in definition.

[2]See table 2 for detailed data.

Address inquiries concerning these figures to the U.S. Department of Commerce, Bureau of Industrial Economics, Materials Division, Washington, D.C. 20230, or to the Bureau of the Census, Industry Division, Washington, D.C. 20233, or call Nathaniel A Shelton, (301) 763-2529.
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Table 2. NET SHIPMENTS OF TITANIUM MILL PRODUCTS

(Thousands of pounds)

Product	April 1982	March 1982	February 1982	April 1981	March 1981
Total[1]	3,436	4,454	3,458	5,130	4,916
Sheet and strip	(2)		(2)	(2)	(2)
Plate					
Forging and extrusion billet	1,986	2,425	1,932	2,561	2,712
Rod and bar	313	444	417	772	724
Fastener stock and wire	79	93	84	104	167
Extrusions	[2]1,166	[2]1,667	[2]1,281	[2]1,901	[2]1,621
Pipe and tubing					
Other	-	(2)	-	-	-

- Represents zero.

[1]Net shipments, total, is the sum of mill products shipments plus mill products consumed in the manufacture of fabricated products, less total receipts. Net shipments for each mill product category also includes the consumption of mill products in that category in the manufacture of other mill products. Detail does not add to total because of this difference in definition.

[2]Data for sheet and strip, plate, extrusions (other than tubing), and pipe and tubing have been combined to avoid disclosing individual company data.

Table 3. NET SHIPMENTS, EXPORTS, IMPORTS, AND APPARENT CONSUMPTION OF TITANIUM MILL PRODUCTS: 1982 AND 1981

(Quantity in thousands of pounds; value in thousands of dollars)

Month and year	Manufacturers' net shipments	Exports of domestic merchandise[1 2]			Percent exports to manufacturers' net shipments	Imports for consumption[1 4]		Apparent consumption[6]	Percent imports to apparent consumption
	(quantity)	Quantity	Value at port	Estimated producers' value[3]	(quantity)	Quantity	Value[5]	(quantity)	(quantity)
1982									
APRIL									
Total	4,313	537	7,845	7,634	12	191	2,097	3,967	5
Titanium ingot and forging and extrusion billet[7]	2,755	376	5,066	4,930	14	71	538	2,450	3
Titanium mill products	1,558	161	2,779	2,704	10	120	1,559	1,517	8
MARCH									
Total	5,496	591	9,570	9,313	11	222	2,726	5,127	4
Titanium ingot and forging and extrusion billet[7]	3,292	366	5,586	5,436	11	39	584	2,965	1
Titanium mill products	2,204	225	3,984	3,877	10	183	2,142	2,162	9
FEBRUARY									
Total	4,608	734	11,456	11,148	16	187	1,911	4,061	5
Titanium ingot and forging and extrusion billet[7]	2,814	433	6,037	5,875	15	25	194	2,406	10
Titanium mill products	1,794	301	5,419	5,273	17	162	1,717	1,655	10
JANUARY									
Total	5,333	983	12,598	12,259	19	105	1,318	4,435	2
Titanium ingot and forging and extrusion billet[7]	3,297	657	7,920	7,707	20	30	366	2,650	11
Titanium mill products	2,036	326	4,678	4,552	16	75	952	1,785	4
1981									
Total	(NA)	12,098	159,454	155,165	(NA)	2,719	27,234	(NA)	(NA)
Titanium ingot and forging and extrusion billet[7]	(NA)	8,405	105,647	102,805	(NA)	488	5,221	(NA)	(NA)
Titanium mill products	27,303	3,693	53,807	52,360	13	2,231	22,013	25,841	9

(NA) Not available.

[1]For a comparison of Standard Industrial Classification (SIC) codes, export (Schedule B) codes, and import (TSUSA) codes, please refer to the January report for this series, ITA-991(82)-1, issued June 1982.

[2]Source: Bureau of the Census report EM-546, U.S. Exports--Schedule B--Commodity by Country.

[3]These values were derived by use of adjustment factors to exclude freight, insurance, and other charges incurred in moving goods to the port of export. This adjustment is made to convert the values to an approximation of the producers' value of exported goods. Current adjustment factors are based on data for 1980 which are published in Origin of Exports of Manufactured Products, M80(AS)-6, appendix B. The current adjustment factor for this report is 0.9731.

[4]Source: Bureau of the Census report IM 145-X, U.S. Imports for Consumption and General Imports.

[5]The value includes c.i.f. (cost, insurance, and freight) at the first port of entry in the United States plus U.S. import duties and other charges to the import point.

[6]Apparent consumption is derived by subtracting exports from the total of net shipments plus imports.

[7]Comparability of output, export, and import classifications for ingot and billet assume that bloom, sheet bar, and slab are reported as ingot or billet in the output codes. Figures for imports of ingot and billet also include powder crystal, and similar primary forms which are excluded from the output and export codes.

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